AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

1	1-48. (Cancelled)		
1	49. (Currently amended) A method for managing a database system,		
2	comprising:		
3	receiving a command to perform an administrative function involving a		
4	user within the database system;		
5	determining if the user is a sensitive user who is empowered to access		
6	sensitive data in the database system;		
7	if the user is not a sensitive user, and if the command is received from a		
8	normal database administrator for the database system, allowing the		
9	administrative function to proceed;		
10	if the user is a sensitive user, and if the command is received from a		
11	normal database administrator, disallowing preventing the normal database		
12	administrator from performing the administrative function involving the sensitive		
13	user; and		
14	if the user is a sensitive user, and if the command is received from a		
15	security officer who is the only database administrator empowered to perform		
16	administrative functions for functions involving sensitive users, allowing		
17	performing the administrative function to proceed.		
1	50. (Original) The method of claim 49, further comprising:		
2	receiving a request to perform an operation on a data item in the database		
3	system:		

- if the data item is a sensitive data item containing sensitive information and if the request is received from a sensitive user who is empowered to access sensitive data, allowing the operation to proceed if the sensitive user has access rights to the sensitive data item; and
- 8 if the data item is a sensitive data item and the request is received from a 9 user who is not a sensitive user, disallowing the operation.
- 1 51. (Original) The method of claim 50, wherein if the data item is a 2 sensitive data item, if the operation is allowed to proceed, and if the operation 3 involves retrieval of the data item, the method further comprises decrypting the 4 data item using an encryption key after the data item is retrieved.
- 52. (Original) The method of claim 51, wherein the encryption key is stored along with a table containing the data item.
- 1 53. (Original) The method of claim 52, wherein the encryption key is 2 stored in encrypted form.
- 1 54. (Original) The method of claim 49, wherein if the user is not a 2 sensitive user, and if the command to perform the administrative function is 3 received from a security officer, the method further comprises allowing the 4 security officer to perform the administrative function on the user.
 - 55. (Currently amended) A computer-readable storage medium storing instructions that when executed by a computer cause the computer to perform a method for managing a database system, the method comprising:

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4	receiving a command to perform an administrative function involving a		
5	user within the database system;		
6	determining if the user is a sensitive user who is empowered to access		
7	sensitive data in the database system;		
8	if the user is not a sensitive user, and if the command is received from a		
9	normal database administrator for the database system, allowing the		
10	administrative function to proceed;		
11	if the user is a sensitive user, and if the command is received from a		
12	normal database administrator, disallowing preventing the normal database		
13	administrator from performing the administrative function involving the sensitive		
14	user; and		
15	if the user is a sensitive user, and if the command is received from a		
16	security officer who is the only database administrator empowered to perform		
17	administrative functions for functions involving sensitive users, allowing		
18	perforing the administrative function to proceed.		
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1	56. (Original) The computer-readable storage medium of claim 55,		
2	wherein the method further comprises:		
3	receiving a request to perform an operation on a data item in the database		
4	system;		
5	if the data item is a sensitive data item containing sensitive information		
6	and if the request is received from a sensitive user who is empowered to access		
7	sensitive data, allowing the operation to proceed if the sensitive user has access		
8	rights to the sensitive data item; and		
9	if the data item is a sensitive data item and the request is received from a		

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user who is not a sensitive user, disallowing the operation.

1	57.	(Original) The computer-readable storage medium of claim 56,			
2	wherein if the data item is a sensitive data item, if the operation is allowed to				
3	proceed, and if the operation involves retrieval of the data item, the method				
4	further comprises decrypting the data item using an encryption key after the data				
5	item is retrieve	ed.			
1	58.	(Original) The computer-readable storage medium of claim 57,			
2	wherein the encryption key is stored along with a table containing the data item.				
1	59.	(Original) The computer-readable storage medium of claim 58,			
2	wherein the encryption key is stored in encrypted form.				
1	60.	(Original) The computer-readable storage medium of claim 55,			
2	wherein if the user is not a sensitive user, and if the command to perform the				
3	administrative function is received from a security officer, the method further				
4	comprises allowing the security officer to perform the administrative function on				
5	the user.				
1	61.	(Currently amended) An apparatus that manages a database system			
2	comprising:				
3	a command-receiving mechanism configured to receive a command to				
4	perform an administrative function involving a user within the database system;				
5	an execution mechanism configured to,				
6		determine if the user is a sensitive user who is empowered			
7		to access sensitive data in the database system;			

8	allow the administrative function to proceed, if the user is
9	not a sensitive user, and if the command is received from a normal
10	database administrator for the database system;
11	disallow-prevent a normal database administrator from
12	performing the administrative function involving the sensitive user,
13	if the user is a sensitive user, and if the command is received from
14	afrom the normal database administrator; and to
15	allow the administrative function to proceed, if the user is a
16	sensitive user, and if the command is received from a security
17	officer who is the only database administrator empowered to
18	perform administrative functions for functions involving sensitive
19	users.
1	62. (Currently amended) The apparatus of claim 17 claim 61,
2	wherein the command-receiving mechanism is configured to receive a
3	request to perform an operation on a data item in the database system;
4	wherein the execution mechanism is configured to,
5	allow the operation to proceed, if the data item is a
6	sensitive data item containing sensitive information and if the
7	request is received from a sensitive user who is empowered to
8	access sensitive data, and if the sensitive user has access rights to
9	the sensitive data item; and to
10	disallowing the operation, if the data item is a sensitive data
11	item, and the request is received from a user who is not a sensitive
12	user.

- 1 63. (Currently amended) The apparatus of claim 18 claim 62, further
 2 comprising a decryption mechanism, wherein if the data item is a sensitive data
 3 item, if the operation is allowed to proceed, and if the operation involves retrieval
 4 of the data item, the decryption mechanism is configured to decrypt the data item
 5 using an encryption key after the data item is retrieved
- 1 64. (Currently amended) The apparatus of <u>claim 19 claim</u> 63, wherein the encryption key is stored along with a table containing the data item.
- 1 | 65. (Currently amended) The apparatus of claim 20 claim 64, wherein 2 the encryption key is stored in encrypted form.
- 1 66. (Currently amended) The apparatus of claim 17 claim 61, wherein
 2 if the user is not a sensitive user, and if the command to perform the
 3 administrative function is received from a security officer, the execution
 4 mechanism is configured to allow the security officer to perform the

administrative function on the user.

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